



sealmatic®

Sealmatic Delivers Mechanical Seal Type BGH201 Split Seal - Size 425 mm For Concrete Volute Pump

These pumps are called Concrete Volute Pumps (CVP) because the casing and suction draft tube is cast in-situ concrete. Casing and suction draft tube can also be built by pre-fabricated concrete shells. The rotating parts are metallic.

Sealmatic Mechanical Seals for CVP are mainly employed where large quantity of flow of water is required to be handled for applications as under:

- Circulating / condenser cooling water for power plants
- Lift irrigation
- Water supply
- Drainage & flood control
- Dry docks
- Desalination

Sealmatic Mechanical Seal can handle the following range of CVP:

- Delivery size: upto 6000 mm, (236")
- Capacity: upto 120,000 m³/hr,
- Head: upto 50 m (164ft)

Why mechanical seals from Sealmatic for CVP applications:

- High reliability
- Design simplicity
- Superior operating performance
- Lowest maintenance costs
- Excellent corrosion resistance
- Easy internal inspection without dismantling

BGH201 Split Seals

Product Description

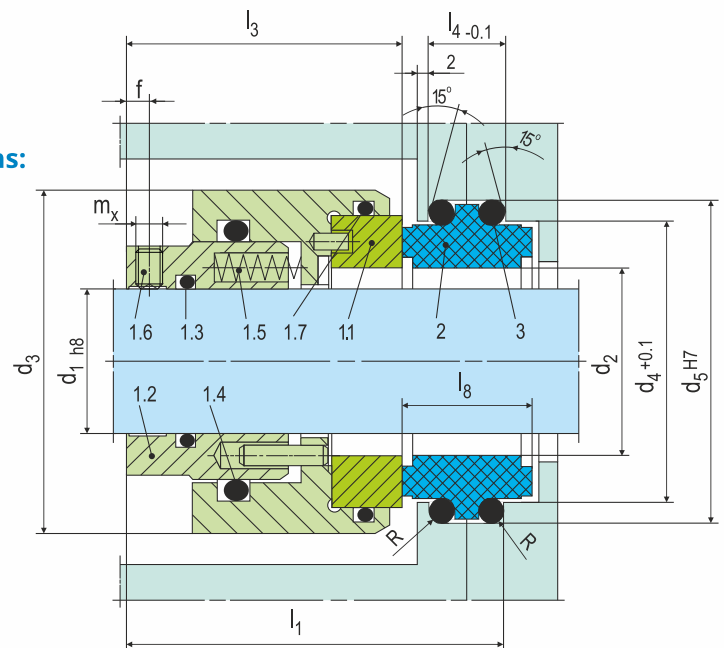
1. Single seal in semi split configuration
2. Balanced design
3. Independent of direction of rotation
4. For plain shafts
5. Rotary unit with multiple springs

Technical Features

1. Economical to assemble as the complete dismantling of the equipment is not necessary to install the seal
2. Reduces down time due to ease in installation
3. Rugged seal construction
4. Versatile split seat can be used on both the sides
5. Springs are product protected to avoid contamination

Performance Capabilities

- Sizes: d1 = Upto 600 mm
- Pressure: p1 = 25 bar (363 PSI)
- Temperature: t1 = 150 °C (302 °F)
- Speed = 20 m/s (66 ft/s)
- Permissible axial movement: ± 2.0 mm



Note: The item numbers as depicted above are based on our technical experience and knowledge and are placed in the chronological order of their assembly procedure.

